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(FILE 'HOME' ENTERED AT 14:56:21 ON 20 JUN 2006)

FILE 'REGISTRY' ENTERED AT 14:56:56 ON 20 JUN 2006

L1 STRUCTURE UPLOADED
L2 0 SEA SSS SAM L1
D QUE
L3 0 SEA SSS FUL L1
L4 STRUCTURE UPLOADED
L5 0 SEA SSS SAM L4
L6 1 SEA SSS FUL L4
D SCAN

FILE 'CAPLUS' ENTERED AT 15:02:20 ON 20 JUN 2006

L7 1 SEA ABB=ON PLU=ON L6

FILE 'BEILSTEIN' ENTERED AT 15:02:30 ON 20 JUN 2006

L8 0 SEA SSS FUL L1
L9 0 SEA SSS FUL L4

FILE 'MARPAT' ENTERED AT 15:02:50 ON 20 JUN 2006

L10 STRUCTURE UPLOADED
L11 18 SEA SSS SAM L10
L12 STR L10
L13 2 SEA SSS SAM L12
D QHIT 1
D QHIT 2
L14 106 SEA SSS FUL L12
L15 103 SEA ABB=ON PLU=ON L14/COM
D QHIT 103

FILE 'STNGUIDE' ENTERED AT 15:17:04 ON 20 JUN 2006

FILE 'CAPLUS' ENTERED AT 15:18:43 ON 20 JUN 2006

E US2001-024143/APPS
E BOBO J/AU
L16 12 SEA ABB=ON PLU=ON ("BOBO J"/AU OR "BOBO JOHN"/AU OR "BOBO JOHN S"/AU)
E QUINTERO J/AU
L17 10 SEA ABB=ON PLU=ON ("QUINTERO J"/AU OR "QUINTERO J A"/AU OR "QUINTERO JULIAN"/AU OR "QUINTERO JULIAN A"/AU)
E JONN J/AU
L18 7 SEA ABB=ON PLU=ON ("JONN J"/AU OR "JONN JERRY"/AU OR "JONN JERRY Y"/AU OR "JONN JERRY YING"/AU)
E BAREFOOT J/AU
L19 5 SEA ABB=ON PLU=ON ("BAREFOOT J"/AU OR "BAREFOOT J R"/AU OR "BAREFOOT JOE B"/AU)
E CLARK J/AU
L20 5095 SEA ABB=ON PLU=ON CLARK J?/AU
E NARANG U/AU
L21 51 SEA ABB=ON PLU=ON ("NARANG U"/AU OR "NARANG UPVAN"/AU)
E CANNIZARO S/AU
L22 29 SEA ABB=ON PLU=ON ("CANNIZZARO S"/AU OR "CANNIZZARO S M"/AU OR "CANNIZZARO SCOTT M"/AU)
E MARMO J/AU
L23 13 SEA ABB=ON PLU=ON ("MARMO J"/AU OR "MARMO J C"/AU OR "MARMO J CHRISTOPHER"/AU)
L24 9 SEA ABB=ON PLU=ON (L16 AND (L17 OR L18 OR L19 OR L20 OR L21

OR L22 OR L23)) OR (L17 AND (L18 OR L19 OR L20 OR L21 OR L22
OR L23)) OR (L18 AND (L19 OR L20 OR L21 OR L22 OR L23)) OR
(L19 AND (L20 OR L21 OR L22 OR L23)) OR (L20 AND (L21 OR L22
OR L23)) OR (L21 AND (L22 OR L23)) OR (L22 AND L23)

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FILE 'CAPLUS' ENTERED AT 15:25:05 ON 20 JUN 2006

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FILE COVERS 1907 - 20 Jun 2006 VOL 144 ISS 26

FILE LAST UPDATED: 19 Jun 2006 (20060619/ED)

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'OBI' IS DEFAULT SEARCH FIELD FOR 'CAPLUS' FILE

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L16 12 SEA FILE=CAPLUS ABB=ON PLU=ON ("BOBO J"/AU OR "BOBO JOHN"/AU
OR "BOBO JOHN S"/AU)
L17 10 SEA FILE=CAPLUS ABB=ON PLU=ON ("QUINTERO J"/AU OR "QUINTERO
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OR "JONN JERRY Y"/AU OR "JONN JERRY YING"/AU)
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L21 51 SEA FILE=CAPLUS ABB=ON PLU=ON ("NARANG U"/AU OR "NARANG
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RO S M"/AU OR "CANNIZZARO SCOTT M"/AU)
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OR L22 OR L23)) OR (L21 AND (L22 OR L23)) OR (L22 AND L23)

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L24 ANSWER 1 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2006:31022 CAPLUS

DOCUMENT NUMBER: 144:114585

TITLE: Adhesive-containing wound closure device and method
 INVENTOR(S): **Jonn, Jerry; Quintero, Julian;**
 Hoskin, Glenn; Roweton, Susan L.
 PATENT ASSIGNEE(S): Closure Medical Corporation, USA
 SOURCE: U.S. Pat. Appl. Publ., 15 pp.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2006009099	A1	20060112	US 2004-887884	20040712
WO 2006017109	A2	20060216	WO 2005-US24042	20050707

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

PRIORITY APPLN. INFO.: US 2004-887884 A 20040712
 AB An article, such as a tissue bonding article, includes a flexible material (e.g., Spectra Mesh), a polymerization initiator (e.g., benzyldimethylhexadecylammonium chloride) or rate modifier disposed in or on the flexible material, and a polymerizable adhesive composition (e.g., Dermabond LV and Dermabond HV) permeated throughout at least a portion of the flexible material, where the polymerization initiator or rate modifier is a polymerization initiator or rate modifier for the polymerizable adhesive composition

L24 ANSWER 2 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2003:559340 CAPLUS
 TITLE: Applicator for dispensable liquids
 INVENTOR(S): **D'Alessio, Keith R.; Cotter, William M.; Narang, Upvan;** Mainwaring, Lawrence H.; Badejo, Ibraheem T.; Hedgpeth, Daniel L.; Szabo, Gabriel N.; Sherbondy, Anthony; **Barefoot, Joe B.**
 PATENT ASSIGNEE(S): Closure Medical Corporation, USA
 SOURCE: U.S., Cont.-in-part of Ser. No. US 1998-219851, filed on 23 Dec 1998
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6595940	B1	20030722	US 1999-430290	19991029
US 6283933	B1	20010904	US 1998-219851	19981223

PRIORITY APPLN. INFO.: US 1998-219851 A2 19981223
 AB A disposable applicator includes a generally tubular applicator body

having a closed proximal end and an open distal end and a frangible vial inside. The proximal end is covered by a drying swab while the distal end is covered by an applicator swab that is in open communication with the interior of the applicator body. Within the applicator body is a frangible vial containing a biomedically useful liquid composition, such as an α -cyanoacrylate adhesive, a medicament, or both. The applicator is useful for applying liquid compns. to target sites such as tissue, particularly sites of topical pathol., such as stomatitis lesions.

REFERENCE COUNT: 76 THERE ARE 76 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L24 ANSWER 3 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2003:241978 CAPLUS

DOCUMENT NUMBER: 138:243342

TITLE: Biocompatible remover composition for removing medical adhesives

INVENTOR(S): Ayarza, Jaime; Badejo, Ibraheem T.; Barefoot, Joe B.; Hedgpeth, Daniel L.; Knotts, Michelle M.; Malofsky, Bernard; Narang, Upvan; Spath, Gina L.; Su, Wendy Y.

PATENT ASSIGNEE(S): Closure Medical Corporation, USA

SOURCE: U.S. Pat. Appl. Publ., 9 pp.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2003060380	A1	20030327	US 2001-962268	20010926
WO 2003035121	A2	20030501	WO 2002-US29987	20020923
WO 2003035121	A3	20031204		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 2001-962268 A 20010926

OTHER SOURCE(S): MARPAT 138:243342

AB An adhesive remover composition and methods for removing medical grade and other adhesive compns. including, but not limited to, cyanoacrylate adhesive compns. from surfaces including, but not limited to, areas of tissue, including areas of compromised skin. The composition, which is preferably bio-compatible, includes a suitable remover compound such as an alkylester plasticizer combined with an antimicrobial preservative to protect the composition from microorganisms. A method of removing adhesive compns. includes applying the remover composition to the adhesive composition using an applicator, such as a spray applicator, allowing the remover to interact with the adhesive composition and then removing the remover and the adhesive composition. A remover composition is prepared by combining iso-Pr myristate and methylparaben in a weight ratio of 99% iso-Pr myristate to 1%

methylparaben. The mixture is sealed in a glass vial and stirred. The characteristics of the composition are observed at about 1 min after preparation and at ≥ 24 h after preparation. The results of the observations show that the remover composition is substantially free from microorganism contamination. As a result no addnl. sterilization is required to prepare the composition for application to compromised skin areas where open wounds or sores may be present.

L24 ANSWER 4 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2002:730369 CAPLUS

DOCUMENT NUMBER: 137:253061

TITLE: Method of applying an adhesive composition containing a monomer over a bioactive polymerization initiator or accelerator

INVENTOR(S): **Narang, Upvan**; Hedgpeth, Daniel L.; Szabo, Gabriel N.; Badejo, Ibraheem T.; **Barefoot, Joe B.**

PATENT ASSIGNEE(S): Closure Medical Corporation, USA

SOURCE: U.S., 12 pp., Cont.-in-part of U.S. Ser. No. 69,875.

CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 3

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6455064	B1	20020924	US 1999-430176	19991029
WO 2001030408	A2	20010503	WO 2000-US41638	20001027
WO 2001030408	A3	20020110		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 1998-69875 A2 19980430
US 1999-430176 A 19991029

AB A composition comprising a polymerizable adhesive monomer is applied over a biol. active initiator or accelerator for polymerization of the monomer. The biol. active initiator or accelerator is a medicament that provides a desired medical or therapeutic activity as well as enhancing polymerization of the adhesive. For example, a sample of 120 μ L of 1000 ppm benzalkonium chloride (BAC) solution in methanol was tested for its initiation property with 2-octyl cyanoacrylate. Polymerization times of 102-126 s were obtained for

9 samples.

REFERENCE COUNT: 79 THERE ARE 79 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L24 ANSWER 5 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2002:241250 CAPLUS

DOCUMENT NUMBER: 136:284522

TITLE: Absorbable cyanoacrylate tissue adhesive compositions

INVENTOR(S): **Jonn, Jerry Y.**; **Bobo, John**;

Quintero, Julian; Moseley, Jon P.; Burns, Dennis D.
PATENT ASSIGNEE(S): Closure Medical Corporation, USA
SOURCE: U.S. Pat. Appl. Publ., 14 pp., Cont.-in-part of U.S. Ser. No. 630,437.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2002037310	A1	20020328	US 2001-919877	20010802
US 6620846	B1	20030916	US 2000-630437	20000802
ES 2240497	T3	20051016	ES 2001-1961846	20010802
PRIORITY APPLN. INFO.:			US 2000-630437	A2 20000802

AB A method of treating living tissue includes applying to living tissue a biocompatible adhesive composition, where the adhesive composition contains at least one alkyl ester cyanoacrylate monomer and a polymerization initiator or accelerator, wherein the polymerization initiator or accelerator is a quaternary amine, or where the adhesive composition contains a mixture of two monomer species having different absorption rates. A composition was prepared from Bu lactoyl cyanoacrylate and domiphen bromide polymerization initiator.

L24 ANSWER 6 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2002:185245 CAPLUS
DOCUMENT NUMBER: 136:248677
TITLE: Adhesive compositions with reduced coefficient of friction
INVENTOR(S): Badejo, Ibraheem T.; Su, Wendy Y.; D'Alessio, Keith R.; **Jonn, Jerry; Quintero, Julian A.**
; Knotts, Michelle; Hickey, Timothy P.; Mainwaring, Lawrence H.; **Narang, Upvan**
PATENT ASSIGNEE(S): Closure Medical Corporation, USA
SOURCE: PCT Int. Appl., 32 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002020684	A2	20020314	WO 2001-US25995	20010821
WO 2002020684	A3	20030501		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 6607631	B1	20030819	US 2000-657912	20000908

amine, or where the adhesive composition contains a mixture of 2 monomer species having different absorption rates. Thus, an adhesive composition contained butyllactoyl cyanoacrylate 98.2600, domiphen bromide 1.7300, H₂SO₄ 0.0025, and BHA 0.0075%.

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L24 ANSWER 8 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2001:319772 CAPLUS

DOCUMENT NUMBER: 134:331684

TITLE: Method of applying a monomer adhesive composition over a bioactive polymerization initiator or accelerator

INVENTOR(S): **Narang, Upvan**; Hedgpeth, Daniel L.; Szabo, Gabriel N.; Badejo, Ibraheem T.; **Barefoot, Joe B.**

PATENT ASSIGNEE(S): Closure Medical Corp., USA

SOURCE: PCT Int. Appl., 30 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 3

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001030408	A2	20010503	WO 2000-US41638	20001027
WO 2001030408	A3	20020110		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

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US 6455064	B1	20020924	US 1999-430176	19991029
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PRIORITY APPLN. INFO.: US 1999-430176 A 19991029

US 1998-69875 A2 19980430

AB A kit for delivering a medicament to a patient comprises a package containing (a) a first container that contains a polymerizable monomer composition, e.g., a 1,1-disubstituted ethylene monomer, and (b) a sec. container that contains a medicament as a biol. active initiator or accelerator for polymerization of the monomer. A medicament, e.g., crystal violet and salts or complexes of Zn or Cu, is present in a pharmaceutically effective amount for topical application on a tissue, such as skin. A composition comprising a polymerizable adhesive monomer is applied over a biol. active initiator or accelerator for polymerization of the monomer to form a polymeric adhesive covering. For example, a sample of 120 μ L of 1000 ppm a biol. active catalyst solution in MeOH was tested for its initiation property with 2-octyl cyanoacrylate and polymerization times of 57-126 s were obtained.

L24 ANSWER 9 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2001:137071 CAPLUS

DOCUMENT NUMBER: 134:183553

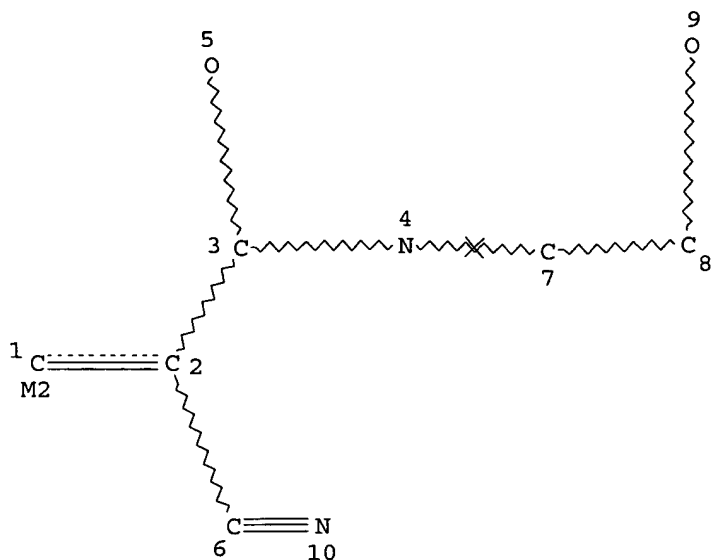
TITLE: Sterilized cyanoacrylate solutions containing thickeners for medical adhesives

INVENTOR(S): Hickey, Timothy; Stewart, Ubonwan A.; **Jonn,**

Jerry; Bobo, John S.
 PATENT ASSIGNEE(S): Closure Medical Corporation, USA
 SOURCE: PCT Int. Appl., 31 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001012243	A1	20010222	WO 2000-US22159	20000811
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
US 6310166	B1	20011030	US 1999-374207	19990812
CA 2380916	AA	20010222	CA 2000-2380916	20000811
EP 1206291	A1	20020522	EP 2000-954027	20000811
EP 1206291	B1	20051012		
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BR 2000013267	A	20020528	BR 2000-13267	20000811
JP 2003507494	T2	20030225	JP 2001-516585	20000811
AT 306288	E	20051015	AT 2000-954027	20000811
US 2002065336	A1	20020530	US 2001-885939	20010622
US 6433096	B2	20020813		
US 2002156203	A1	20021024	US 2002-120400	20020412
US 6743858	B2	20040601		
PRIORITY APPLN. INFO.:			US 1999-374207	A 19990812
			WO 2000-US22159	W 20000811
			US 2001-885939	A3 20010622
AB A method of making a sterile adhesive composition includes placing a mixture of a polymerizable adhesive monomer and a thickening agent in a container, sealing the container, and sterilizing the mixture and the container. The method provides superior viscosity for the monomer composition. The sterile adhesive composition is particularly useful as a medical adhesive and can comprise 1,1-disubstituted ethylene monomers, such as α -cyanoacrylates. A mixture containing 2-octylcyanoacrylate and poly(butylmethacrylate) was subjected to electron beam sterilization to examine the effect of the electron beam radiation on viscosity increases in the formulation.				
REFERENCE COUNT:		4	THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT	

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 L4 STR



NODE ATTRIBUTES:

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CONNECT	IS	X3	RC	AT	7								
CONNECT	IS	X3	RC	AT	8								
CONNECT	IS	E1	RC	AT	9								
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DEFAULT ECLEVEL IS LIMITED													

GRAPH ATTRIBUTES:

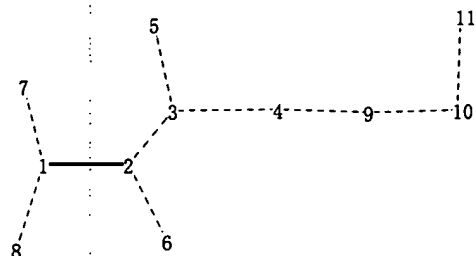
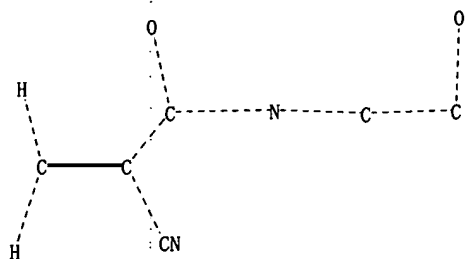
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 10

STEREO ATTRIBUTES: NONE

L6 1 SEA FILE=REGISTRY SSS FUL L4
L7 1 SEA FILE=CAPLUS ABB=ON PLU=ON L6

=> d ibib abs hitstr l7 tot

L7 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1982:182288 CAPLUS
DOCUMENT NUMBER: 96:182288
TITLE: Polyoxyalkylene polyamine-based curing agents for polyurethane



chain nodes :

1 2 3 5 6 7 8 10 11

ring/chain nodes :

4 9

chain bonds :

1-2 1-7 1-8 2-3 2-6 3-4 3-5 9-10 10-11

ring/chain bonds :

4-9

exact/norm bonds :

1-2 1-7 1-8 2-3 2-6 3-4 3-5 4-9 9-10 10-11

Connectivity :

3:3 E exact RC ring/chain 5:1 E exact RC ring/chain

9:3 X maximum RC ring/chain 10:3 X maximum RC ring/chain

11:1 E exact RC ring/chain

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS

9:CLASS 10:CLASS 11:CLASS

INVENTOR(S): Umeda, Arihiko; Iwase, Yoshiyuri; Ota, Seiichi
 PATENT ASSIGNEE(S): Mitsui-Texaco Chemicals Co., Ltd., Japan
 SOURCE: Eur. Pat. Appl., 25 pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 46088	A1	19820217	EP 1981-303660	19810811
EP 46088	B1	19861230		
R: AT, BE, CH, DE, FR, GB, IT, LU, NL, SE				
JP 57036115	A2	19820226	JP 1980-109806	19800812
US 4431790	A	19840214	US 1981-289689	19810803
CA 1169089	A1	19840612	CA 1981-383637	19810811
AU 8174010	A1	19820218	AU 1981-74010	19810812
AU 547172	B2	19851010		

PRIORITY APPLN. INFO.: JP 1980-109806 A 19800812

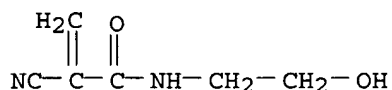
AB The excessively fast curing time obtained by using polyoxyalkylene polyamines for polyurethanes is moderated by using their adducts with hydroxyacrylates, cyanoacrylates, or epoxy compds. Thus, 2 mol hydroxyethyl acrylate was added slowly to 1 mol polyoxypropylenediamine (I) (mol. weight 230) at 100°, and the mixture was stirred 10 h to give 98% yield of the adduct. When used to cure polypropylene glycol-TDI copolymer [9057-91-4] a gel time of 15 s was obtained instead of 8 s when using I alone.

IT 81565-34-6D, reaction products with polyoxyalkylene polyamines

RL: CAT (Catalyst use); USES (Uses)
 (curing catalysts, for polyurethanes)

RN 81565-34-6 CAPLUS

CN 2-Propenamide, 2-cyano-N-(2-hydroxyethyl)- (9CI) (CA INDEX NAME)



=> file marpat

FILE 'MARPAT' ENTERED AT 15:25:34 ON 20 JUN 2006

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

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FILE CONTENT: 1961-PRESENT VOL 144 ISS 25 (20060616/ED)

SOME MARPAT RECORDS ARE DERIVED FROM INPI DATA FOR 1961-1987

MOST RECENT CITATIONS FOR PATENTS FROM MAJOR ISSUING AGENCIES
 (COVERAGE TO THESE DATES IS NOT COMPLETE):

US 2006094872 04 MAY 2006

DE 102005008406 06 APR 2006

EP 1645616 12 APR 2006

JP 2006093467 06 APR 2006

WO 2006045852 04 MAY 2006
 GB 2416167 18 JAN 2006
 FR 2876222 07 APR 2006
 RU 2272044 20 MAR 2006
 CA 2518664 10 MAR 2006

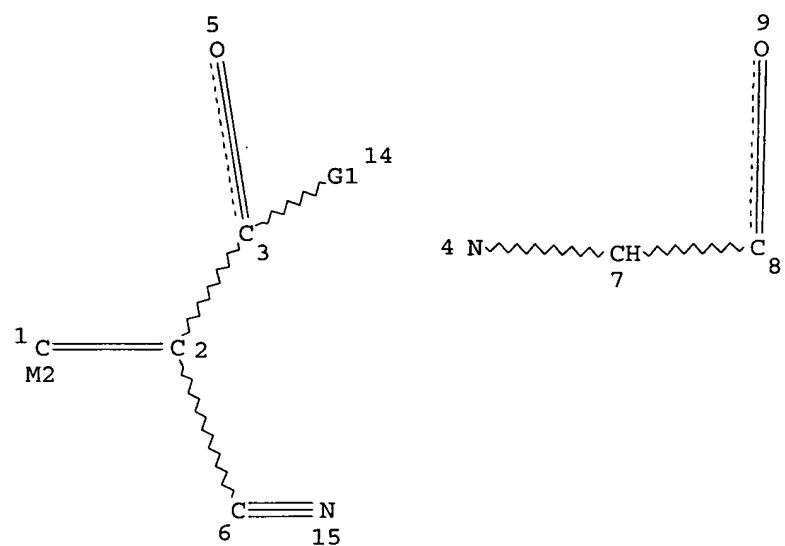
Expanded G-group definition display now available.

New CAS Information Use Policies, enter HELP USAGETERMS for details.

=> d que 115

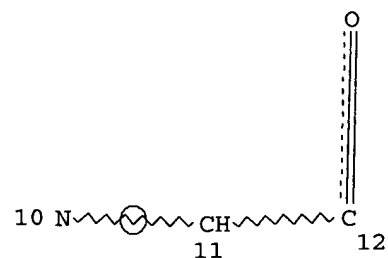
L12

STR



13

Page 1-A

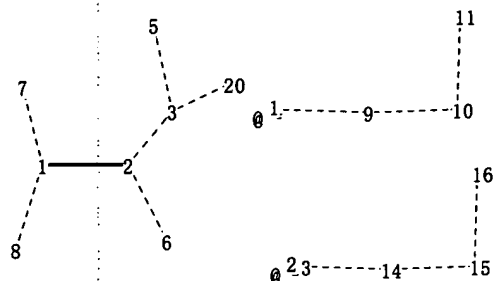
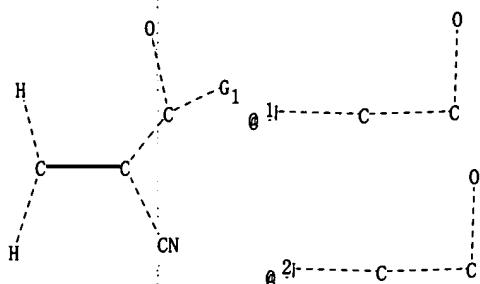


Page 2-A

VAR G1=4/10

NODE ATTRIBUTES:

HCOUNT	IS M2	AT	1
NSPEC	IS C	AT	1



```

chain nodes :
  1  2  3  4  5  6  7  8  9  10  11  15  16  20
ring nodes :
  13  14
chain bonds :
  1-2  1-7  1-8  2-3  2-6  3-5  3-20  4-9  9-10  10-11  14-15  15-16
ring bonds :
  13-14
exact/norm bonds :
  1-2  1-7  1-8  2-3  2-6  3-5  3-20  4-9  9-10  10-11  13-14  14-15  15-16
  
```

G1:[*1],[*2]

Connectivity :

```

3:3 E exact RC ring/chain  5:1 E exact RC ring/chain
9:3 X maximum RC ring/chain 10:3 X maximum RC ring/chain
11:1 E exact RC ring/chain
  
```

Match level :

```

1:CLASS  2:CLASS  3:CLASS  4:CLASS  5:CLASS  6:CLASS  7:CLASS  8:CLASS
9:CLASS 10:CLASS 11:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS
20:CLASS
  
```

structure
used for
marpat

NSPEC IS C AT 2
 NSPEC IS C AT 3
 NSPEC IS C AT 4
 NSPEC IS C AT 5
 NSPEC IS C AT 6
 NSPEC IS C AT 8
 NSPEC IS C AT 9
 NSPEC IS R AT 10
 NSPEC IS C AT 12
 NSPEC IS C AT 13
 NSPEC IS C AT 14
 NSPEC IS C AT 15
 CONNECT IS E3 RC AT 3
 CONNECT IS E1 RC AT 5
 CONNECT IS X3 RC AT 8
 CONNECT IS E1 RC AT 9
 DEFAULT MLEVEL IS ATOM
 MLEVEL IS CLASS AT 1 2 3 4 5 6 8 9 10 12 13 15
 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 15

STEREO ATTRIBUTES: NONE

L14 106 SEA FILE=MARPAT SSS FUL L12

L15 103 SEA FILE=MARPAT ABB=ON PLU=ON L14/COM

=> d ibib abs qhit l15 90-103

L15 ANSWER 90 OF 103 MARPAT COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 122:105906 MARPAT

TITLE: Preparation of arthropodicidal and nematocidal heterocyclic sulfonates

INVENTOR(S): Watson, Keith Geoffrey; Liepa, Andris Juris; Nearn, Roland Henry

PATENT ASSIGNEE(S): Dunlana Pty. Ltd., Australia

SOURCE: PCT Int. Appl., 42 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

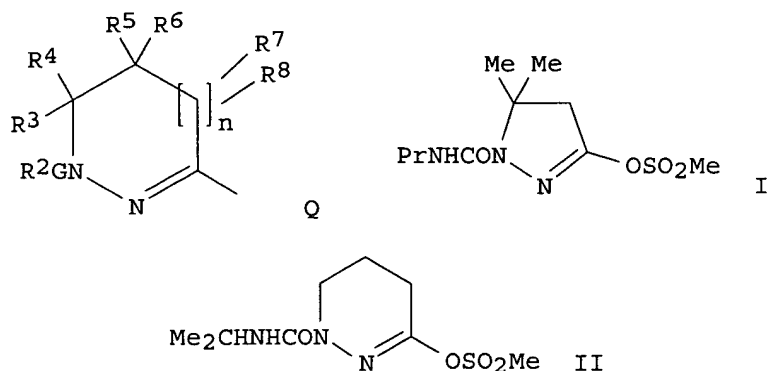
LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

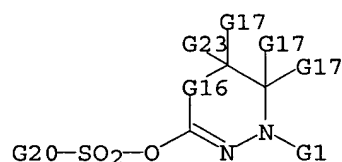
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9425440	A1	19941110	WO 1994-AU180	19940414
W: AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, ES, FI, GB, GE, HU, JP, KG, KP, KR, KZ, LK, LU, LV, MD, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SI, SK, TJ, TT, UA, US, UZ, VN				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
AU 9464211	A1	19941121	AU 1994-64211	19940414
PRIORITY APPLN. INFO.:			AU 1993-8469	19930426
			WO 1994-AU180	19940414

GI

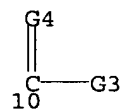


AB Title compds. R1SO3Q wherein (G = S, SO, SO2, CS, CO; R1 = (halo)-C1-3 alkyl; R2 = C1-6 alkyl, C3-6 cycloalkyl, C2-6 alkenyl, C2-6 alkynyl each of which is optionally substituted, etc.; R3-8 = H, halo, (halo)-C1-6 alkyl, C3-6 cycloalkyl, (halo)-C2-6 alkenyl, (substituted)amino, NC, (substituted)Ph, etc.; n = 0,1), isomers and salts thereof are prepared. 5,5-Dimethylpyrazolin-3-one was reacted with Pr isocyanate to give 5,5-di-Me -1-(propylcarbamoyl)pyrazolidinin-3-one to which in CH2Cl2 was added Et3N and MeSO3Cl to give the title compound I. Similarly prepared was II. Arthropodocidal and nematocidal activity was demonstrated.

MSTR 1



G1 = 10



G3 = alkenyl <containing 2-6 C>
(opt. substd. by 1 or more G5)
G4 = O
G5 = CN
G16 = bond
G17 = alkoxycarbonyl <containing 1-5 C>
Derivative: and salts
Patent location: claim 1
Stereochemistry: and isomers

L15 ANSWER 91 OF 103 MARPAT COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 121:241579 MARPAT
TITLE: Solid photographic color developer and processing

method for silver halide photographic material

INVENTOR(S): Koma, Kyoko

PATENT ASSIGNEE(S): Konishiroku Photo Ind, Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 40 pp.
CODEN: JKXXAF

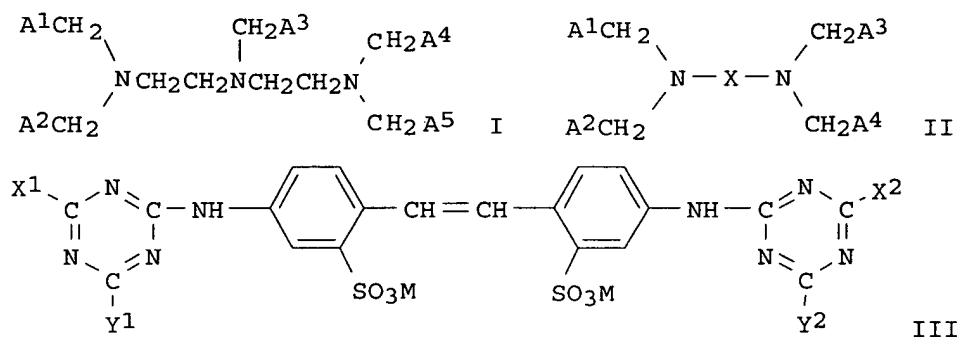
DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 06003787	A2	19940114	JP 1992-184615	19920618
PRIORITY APPLN. INFO.: GI			JP 1992-184615	19920618

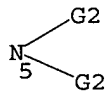


AB The title developer contains ≥ 1 compound selected from I (A1-5 = CO₂M, PO₃M₂, CH₂OH; M = H, alkaline metal) or II (A1-4 = CO₂M, PO₃M₁M₂, CH₂OH; M, M₁, M₂ = H, alkaline metal, ammonium; X = C₂-6 alkylene), and ≥ 1 compound III (X₁, X₂, Y₁, Y₂ = OH, halo, morpholino, alkoxy, aryloxy, alkyl, aryl, amino, alkylamino; M = H, alkaline metal, cation). In continuously processing photog. materials by using an automatic development apparatus, the above developer is dissolved to be used. The developer shows good solubility and superior storage stability.

MSTR 4

G1—G5

G1 = 5



G2 = 8 / 78

G3—G4 H₂C—C(O)·OEt
8 78

G3 = C(O)
 G4 = alkyl (opt. substd. by 1 or more G6)
 G6 = CN
 Patent location: claim 2

L15 ANSWER 92 OF 103 MARPAT COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 121:180238 MARPAT

TITLE: Preparation of new phospho- and phosphono(N-acyl)serine derivatives as cytotoxic and antiviral agents

INVENTOR(S): Brachwitz, Hans; Langen, Peter; Vollgraf, Christine

PATENT ASSIGNEE(S): Max-Delbrueck-Centrum fuer Molekulare Medizin, Germany

SOURCE: Ger. Offen., 7 pp.

CODEN: GWXXBX

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 4229877	A1	19940317	DE 1992-4229877	19920904
DE 4229877	C2	19940915		
WO 9405676	A1	19940317	WO 1993-EP2363	19930902

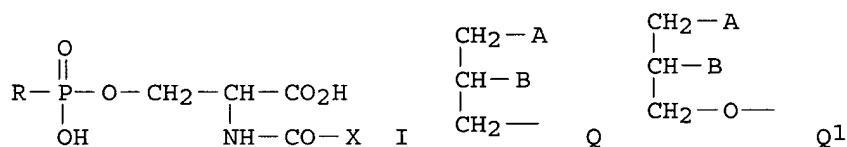
W: JP, US

RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE

PRIORITY APPLN. INFO.: DE 1992-4229877 19920904

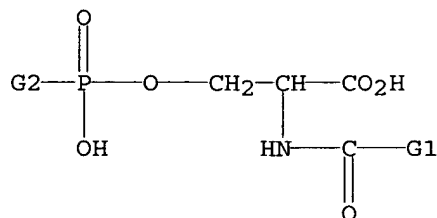
OTHER SOURCE(S): CASREACT 121:180238

GI



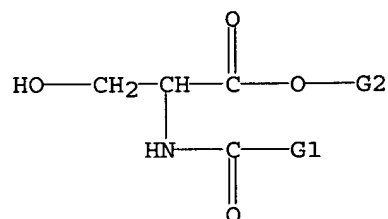
AB Title compds. [I; X = (un)substituted hydrocarbyl; R = Q, Q¹, (un)substituted alkyl, alkoxy; A = (un)substituted alkoxy, alkenyloxy, O(CH₂)_n-CF₃; n = 0-3; B = H, (un)substituted alkoxy, alkenyloxy, O(CH₂)_n-CF₃] are prepared A mixture of O-(hexadecylphosphono)-L-serine and N-acetoxy-5-norbornene-2.3-dicarboximide in CHCl₃ containing Et₃N was stirred at room temperature for 48 h to give I [R = hexadecyl, X = Me]. In an in vitro study this had an IC₅₀ of 10 μM against Ehrlich ascites cells.

MSTR 1



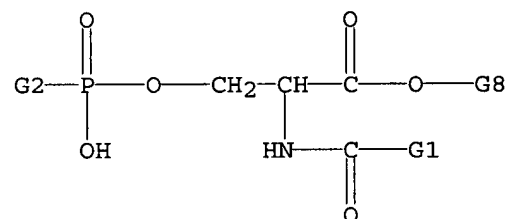
G1 = carbon chain <containing 1-22 C>
 (opt. substd. by 1 or more G3)
 G3 = CN
 Derivative: and pharmaceutically acceptable salts
 Patent location: claim 1

MSTR 5



G1 = carbon chain <containing 1-22 C>
 (opt. substd. by 1 or more G3)
 G3 = CN
 Patent location: claim 8

MSTR 6



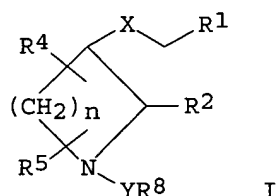
G1 = carbon chain <containing 1-22 C>
 (opt. substd. by 1 or more G3)
 G3 = CN
 Patent location: claim 8

L15 ANSWER 93 OF 103 MARPAT COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 121:83342 MARPAT
 TITLE: Azacyclic tachykinin antagonists
 INVENTOR(S): Baker, Raymond; Laddhwahetty, Tamara; Seward, Eileen
 Mary; Swain, Christopher John
 PATENT ASSIGNEE(S): Merck Sharp and Dohme Ltd., UK
 SOURCE: PCT Int. Appl., 132 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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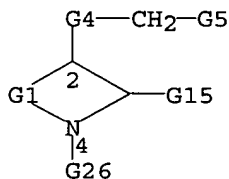
WO 9321181	A1	19931028	WO 1993-GB788	19930414
W: AT, AU, BB, BG, BR, CA, CH, CZ, DE, DK, ES, FI, GB, HU, JP, KP, KR, LK, LU, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SK, UA, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
US 5444074	A	19950822	US 1993-46538	19930413
AU 9340765	A1	19931118	AU 1993-40765	19930414
AU 675786	B2	19970220		
EP 636130	A1	19950201	EP 1993-910151	19930414
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
JP 07505648	T2	19950622	JP 1993-518131	19930414
US 5496833	A	19960305	US 1995-387684	19950213
PRIORITY APPLN. INFO.:			GB 1992-8323	19920415
			GB 1992-16065	19920728
			GB 1992-19686	19920917
			GB 1992-26069	19921214
			US 1993-46538	19930413
			WO 1993-GB788	19930414

GI



AB The title compds. I [R1 = (un)substituted Ph; R2 = (un)substituted aryl, (un)substituted heteroaryl, (un)substituted benzhydryl, (un)substituted PhCH2; R4, R5 = H, halogen, C1-6 alkyl, oxo, etc.; R8 = (un)substituted aromatic heterocycle; X = O, S; Y = (un)substituted C1-4 hydrocarbon chain; n = 1-3], useful as tachykinin antagonists (no data), are prepared and I-containing formulations presented. Thus, hydroxyguanidine sulfate was reacted with (2R,3R)-3-[[3,5-bis(trifluoromethyl)phenyl]methoxy]-1-(carbomethoxy)methyl-2-phenylpiperidine, producing 3-amino-5-[[[(2R,3R)-3-[[3,5-bis(trifluoromethyl)phenyl]methoxy]-2-phenylpiperidino]methyl]-1,2,4-oxadiazole.

MSTR 1



G1 = G2
G2 = (1-3) 11

HC—G18
11

G18 = 77

C(O)·G13
77

G26 = 228

G27—G28
228

G27 = 230

AK=O
230

G28 = CN

Generic group attributes: 39 230 <containing 1-4 C>
Derivative: or salts or prodrugs
Patent location: claim 1

L15 ANSWER 94 OF 103 MARPAT COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 121:10000 MARPAT
TITLE: Process for reduction of carboxylic acids or derivatives, and new compounds
INVENTOR(S): Meyers, Albert I.; Drauz, Karlheinz; Schwarm, Michael; McKennon, Marc
PATENT ASSIGNEE(S): Degussa A.-G., Germany
SOURCE: Ger. Offen., 12 pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 4232505	A1	19940331	DE 1992-4232505	19920929
WO 9407841	A1	19940414	WO 1993-EP2617	19930925

W: CZ, JP, SK, US

RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE

PRIORITY APPLN. INFO.: DE 1992-4232505 19920929

OTHER SOURCE(S): CASREACT 121:10000

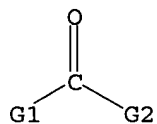
AB Carboxylic acids (especially amino acids) and derivs. are reduced to corresponding amines, amino alcs., and diamines, economically, under mild conditions, and with retention of chiral centers, using borohydrides and halogens. Specifically, R1COX [R1 = H, alkyl, aryl; X = group which increases the oxidation number of the carbonyl C, and which may bear up to 2 H, alkyl, and/or aryl groups (R2 and R3); the alkyl and aryl groups may be substituted or linked; R1 = aminomethyl group (R6R7N)CR4R5- when X ≠ NR2R3; R4-R7 = as given for R2] are reduced to either amines R1CH2NR2R3 or amino alcs. (R2R3N)CR4R5CH2OH (R groups same as above or derived by reduction)

using alkali metal borohydrides and halogens, especially chlorine or iodine. For example, iodine in THF was added dropwise to L-tert-leucine and NaBH₄ in THF under Ar at 0° with vigorous evolution of hydrogen, followed by heating to reflux, cooling, quenching with MeOH, evaporation, and stirring with aqueous KOH. Extraction and distillation gave 84% L-tert-leucinol.

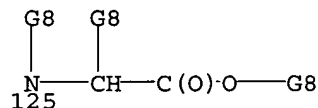
Similarly

prepared were: L-valinol (100%), D-phenylglycinol (91%), L-methioninol (65%), N-ethyl-D-phenylalaninol (83%, from N-acetyl-D-phenylalanine), PhCH₂NHCH₂CH₂OH (64.1%, from hippuric acid), (S)-2-isopropylpiperazine-2HCl (31%, from cyclo-Gly-Val), and several others.

MSTR 1



G1 = carbon chain <containing up to 20 C>
(opt. substd. by 1 or more G3)
G2 = 125

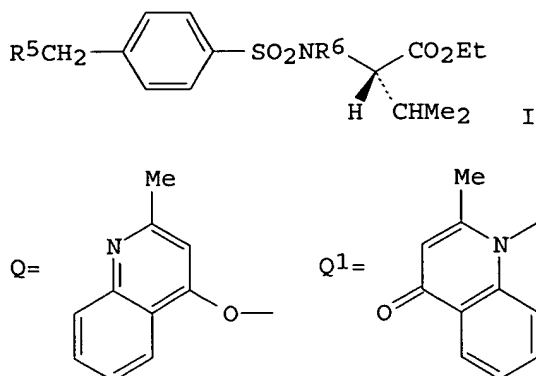


G3 = CN
Patent location: claim 1
Note: substitution is restricted
Note: additional ring formation specified

L15 ANSWER 95 OF 103 MARPAT COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 120:271175 MARPAT
TITLE: Preparation of amino acid derivatives as platelet activating factor (PAF) antagonists
INVENTOR(S): Bowles, Stephen Arthur; Miller, Andrew; Whittaker, Mark
PATENT ASSIGNEE(S): British Bio-Technology Ltd., UK
SOURCE: PCT Int. Appl., 106 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

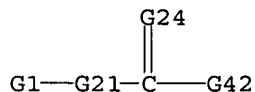
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RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
AU 9333639	A1	19930901	AU 1993-33639	19930127
PRIORITY APPLN. INFO.:			GB 1992-1755	19920128
			WO 1993-GB167	19930127

GI

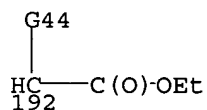


AB A(JWVm)YNR2CR3R4B [I; A = QX; Q = O, S, (un)substituted NH; X = 5- or 6-membered aromatic or heterocyclic ring which may be optionally substituted and/or fused to a benzene ring or to a further 5- or 6-membered aromatic or heterocyclic ring; J = (un)substituted, straight or branched-chain C1-8 alkanediyl, alkenediyl, or alkynediyl; q = 0,1; V = (un)substituted phenylene, (tetrahydro)furandiyl, (tetrahydro)thiophenediyl, or (tetrahydro)thiazole-diyl; m = 0,1; Y = bond, CH₂, CO, C(S), S(O)₂, P(O)(OR); R = alkyl; provided that when Y = S(O)₂, Q ≠ bond; R₂ = H, alkyl, alkenyl, alkynyl, alkylcarbonyl, alkoxy carbonyl, phenylalkoxy carbonyl, alkoxy carbonylalkyl, phenylalkyl, cycloalkyl, cycloalkenyl, etc.; or NR₂CR₃ forms a 5- or 6-membered N-containing heterocyclic ring]. [Also, R₃, R₄ = H, halo, alkyl, alkenyl, alkynyl, alkoxy carbonylalkyl, alkylthioalkyl, alkoxyalkyl, N,N-dialkylaminoalkyl, cycloalkyl, cycloalkenyl, cycloalkylalkyl, cycloalkenylalkyl, cycloalkyloxyalkyl, cycloalkenyloxyalkyl, cycloalkylthioalkyl, cycloalkenylthioalkyl (any of which may optionally be substituted), a side chain of a naturally occurring amino acid, etc.; or CR₃R₄ = C₃-8 cycloalkyl; B = N-(un)substituted CH₂NH₂ or CONH₂, (un)substituted (benzene-fused) heterocyclyl containing ≥1 heteroatoms selected from N, O, and S, ZR₁, etc.; Z = bond, C(O), C(O)O, CH₂O, CH₂OC(O), C(S), C(S)O, CH₂S, CH₂OC(O)NH, C(O)NHSO₂, SO₂NHC(O); R₁ = H, (un)substituted alkyl, alkenyl, alkynyl, alkoxyalkyl, alkylthioalkyl, (alkoxyalkoxy)alkyl, cycloalkyl, cycloalkenyl, or pyridyl] are prepared I are useful for the treatment and prophylaxis of diseases or conditions (e.g. hypertension) mediated by PAF or angiotensin II. Thus, bromination of p-toluenesulfonyl chloride with NBS in refluxing benzene containing 2,2'-azobis(2-methylpropionitrile) and sulfonylation of the resulting 4-(bromomethyl)phenylsulfonyl chloride with H-Leu-OEt.HCl in the presence of Et₃N in THF gave a N-phenylsulfonyl-L-leucine derivative (II; R₅ = Br, R₆ = H) which was stirred with NaN₃ in the presence of PhCH₂N+Et₂Cl⁻ in CH₂Cl₂ to give 97% II (R₅ = N₃, R₆ = H). N-methylation of the latter compound by MeI in the presence of NaH in THF and reduction of the resulting II (R₅ = N₃, R₆ = Me) with Ph₃P in aqueous THF gave II (R₅ = H₂N, R₆ = Me) which was condensed with 4-chloro-3-nitropyridine in CHCl₃ containing Et₃N to give (R₅ = 3-nitropyrid-4-yl, R₆ = Me). II [R₅ = Me(CH₂)₁₄CO, R₆ = Me] showed IC₅₀ of 1 nM for inhibiting the binding of [3H]-PAF to human platelet plasma membrane. II [R₅ = Q or Q₁ (not identified); R₆ = Me] showed ED₅₀ of 7.3 μg/kg i.v. against PAF-induced hypertension in rats.

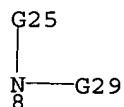
MSTR 1D



G1 = CN
 G21 = carbon chain <containing 1-9 C,
 0 or more double bonds, 0 or more triple bonds>
 G24 = O
 G29 = 192



G42 = 8



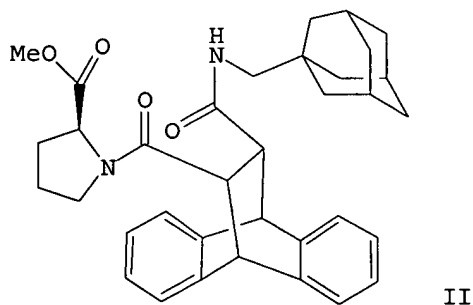
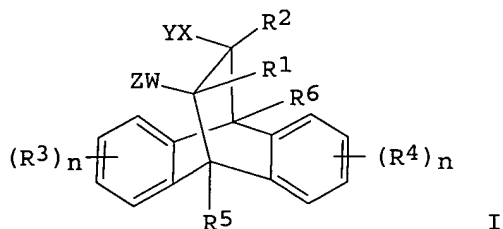
Derivative: or pharmaceutically or veterinarily acceptable acid
 addition salts or hydrates
 Patent location: claim 1
 Note: substitution is restricted
 Note: additional ring formation allowed

L15 ANSWER 96 OF 103 MARPAT COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 120:244394 MARPAT
 TITLE: Dibenzo-fused derivatives of bicyclo[2.2.2]octane as
 cholecystokinin inhibitors
 INVENTOR(S): Kalindjian, Sarkis Barret; Low, Caroline Minli Rachel;
 Mcdonald, Iain Mair; Hull, Robert Antony David;
 Shankley, Nigel Paul; Buck, Ildiko Maria; Steel,
 Katherine Isobel Mary; Davies, Jonathan Michael
 Richar; Dunstone, David John; et al.
 PATENT ASSIGNEE(S): James Black Foundation Ltd., UK
 SOURCE: PCT Int. Appl., 159 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9316982	A1	19930902	WO 1993-GB346	19930219
W: AT, AU, BB, BG, BR, CA, CH, CZ, DE, DK, ES, FI, GB, HU, JP, KP, KR, KZ, LK, LU, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SK, UA, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE,				

BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, SN, TD, TG				
AU 9335097	A1	19930913	AU 1993-35097	19930219
ZA 9301193	A	19940819	ZA 1993-1193	19930219
EP 626942	A1	19941207	EP 1993-904230	19930219
EP 626942	B1	19970423		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
JP 07504184	T2	19950511	JP 1993-514633	19930219
HU 71499	A2	19951128	HU 1994-2280	19930219
AT 152095	E	19970515	AT 1993-904230	19930219
US 5514683	A	19960507	US 1994-288185	19940809
NO 9403055	A	19941011	NO 1994-3055	19940818
FI 9403817	A	19940819	FI 1994-3817	19940819
PRIORITY APPLN. INFO.:			GB 1992-3608	19920220
			GB 1992-13093	19920619
			GB 1992-24629	19921124
			WO 1993-GB346	19930219
			GB 1993-16722	19930812

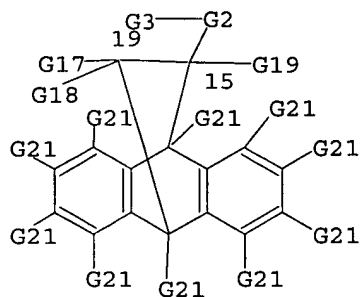
GI



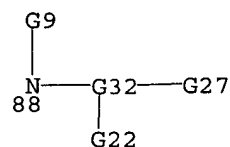
AB Title compds. I (W = CO, SO, SO₂; X = CO, SO, SO₂, COCH₂ (with CO end bound to Y), provided that ≥ 1 of W and X contains CO; Y = certain (un)substituted OH or NH₂ groups; Z = different (un)substituted OH or NH₂ groups; R₁ = H, Me, halo, (amidated or esterified) CO₂H or CH₂CO₂H; R₂ = groups for R₁, or COZ' (Z' = Z) when Z is absent and W = H; or R₁R₂ = pi bond; R₃, R₄ = halo, amino, NO₂, cyano, SO₂NH₂, alkyl, alkoxy, (amidated or esterified) CO₂H; R₅, R₆ = H, R₃; m, n = 0-4, provided that both are ≤ 2 unless R₃ or R₄, resp., are exclusively halo] were prepared as ligands binding at cholecystikinin (CCK) and gastrin receptors. Thus, 2,3,5,6-dibenzobicyclo[2.2.2]octane-7,8-dicarboxylic acid anhydride reacted with 1-adamantanemethylamine, the resultant acid-amide was condensed with H-L-Pro-OCH₂Ph.HCl using PyBOP, and the benzyl ester function was hydrogenolyzed and reesterified with diazomethane to give title compound cis-II as a mixture of 2 diastereomers which were separated by

repeated crystallization These isomers bound to CCKB receptors (mouse cortical membrane) with $pK_i = 5.8$ and 7.3 . Included are 238 synthetic examples, 1H NMR data for all final products (free bases or N-methyl-D-glucamine salts), and receptor-binding results (CCKA, CCKB, and gastrin) for most I.

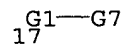
MSTR 1



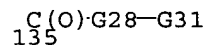
G7 = 88



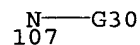
G17 = 17



G22 = CN
G27 = 135



G28 = 107



G30 = CH_2CO_2H

G32 = carbon chain (opt. substd.)

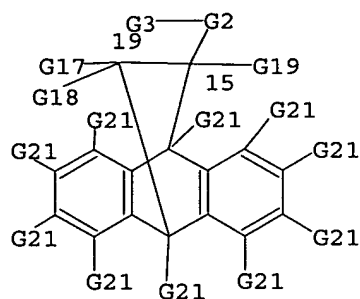
Derivative: or pharmaceutically acceptable salts

Patent location: claim 1

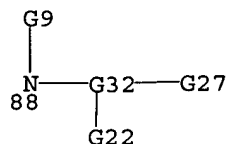
Note: substitution is restricted

Note: additional ring formation is allowed

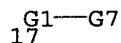
MSTR 1



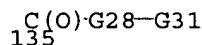
G7 = 88



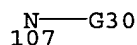
G17 = 17



G22 = CN
G27 = 135



G28 = 107



G30 = CH₂CO₂H
G32 = carbon chain (opt. substd.)
Derivative: or pharmaceutically acceptable salts
Patent location: claim 1
Note: substitution is restricted
Note: additional ring formation is allowed

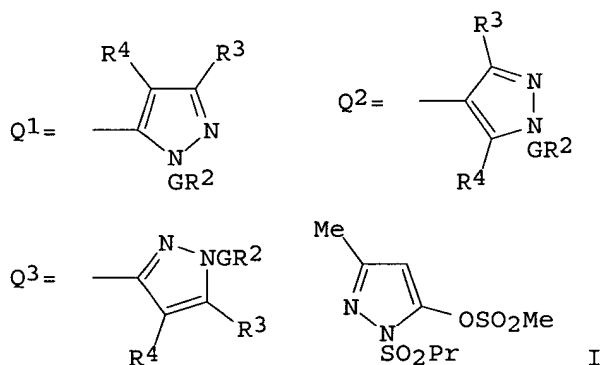
L15 ANSWER 97 OF 103 MARPAT COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 120:217668 MARPAT
TITLE: Preparation of arthropodicidal pyrazole sulfonates
INVENTOR(S): Finkelstein, Bruce Lawrence
PATENT ASSIGNEE(S): Dunlana Pty. Ltd., Australia
SOURCE: PCT Int. Appl., 37 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

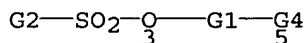
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9321160	A1	19931028	WO 1993-US1271	19930204
W: AU, BB, BG, BR, CA, CZ, FI, HU, JP, KP, KR, KZ, LK, MG, MN, MW, NO, NZ, PL, RO, RU, SD, SK, UA, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, SN, TD, TG				
AU 9336182	A1	19931118	AU 1993-36182	19930204
EP 636121	A1	19950201	EP 1993-905036	19930204
R: DE, ES, FR, GB, IT				
JP 07508265	T2	19950914	JP 1993-518294	19930204
CN 1078233	A	19931110	CN 1993-104217	19930413
PRIORITY APPLN. INFO.:			US 1992-867843	19920413
			WO 1993-US1271	19930204

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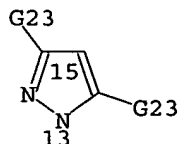


AB Title compds. R1SO2OQ (R1 = C1-3 alkyl, C1-3 haloalkyl; Q = Q1, Q2, Q3; R2 = C1-6 alkyl, C3-6 cycloalkyl, C2-6 alkenyl, C2-6 alkynyl each optionally substituted, C1-6 haloalkyl, C3-6 cyclohaloalkyl, C2-6 haloalkenyl, etc.; R3, R4 = H, C1-6 haloalkyl, (halo)-C1-6 alkoxy, C1-6 alkylthio, NC, (substituted) Ph, C1-6 alkylsulfonyl, HCO, halo, HO, O2N, etc.; G = S, SO, SO2, SC, OC), were prepared To PrSO2NHNH2 in EtOH was added EtO2CCH2COMe and NaOEt to give 3-methyl-1-(propylsulfonyl)-1H-pyrazol-5-ol which in CH2Cl2 was reacted with Et3N and MeSO2Cl to give title compound I. In test against green leafhopper nymphs I at 100 ppm gave >80% mortality.

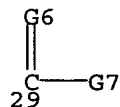
MSTR 1



G1 = 15-3 13-5



G4 = 29



G6 = 0

G7 = alkenyl <containing 2-6 C>
(opt. substd. by 1 or more G12)

G12 = CN

G23 = alkoxycarbonyl <containing 2-6 C>

Patent location: claim 1

L15 ANSWER 98 OF 103 MARPAT COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 120:55017 MARPAT

TITLE: Preparation and formulation of histidylglycylglycine and derivatives for stimulation of hair growth

INVENTOR(S): Kronholm, Kurt G.; Schwen, Richard J.; Sine, Mark R.; Warren, Raphael; Wawrzyniak, Cynthia J.

PATENT ASSIGNEE(S): Procter and Gamble Co., USA

SOURCE: U.S., 10 pp.

CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

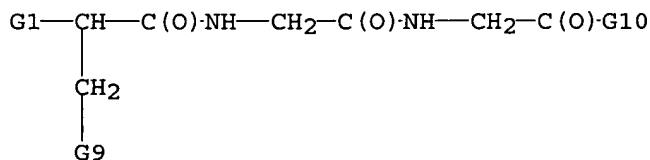
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5252559	A	19931012	US 1991-747811	19910820

PRIORITY APPLN. INFO.: US 1991-747811 19910820

AB R1-His(R2)-Gly-Gly-R3 (R1, R2 = H, alkoxycarbonyl, arylcarbonyl, aralkylcarbonyl, alkoxycarbonyl, alkyl, aryl, aralkyl; R3 = OH, alkoxy, aryloxy, aralkoxy, OM; M = cation), were prepared for stimulating hair growth (no data). Thus, H-His-Gly-Gly-OH (I) was prepared by (1) coupling of BOC-Gly-OH with H-Gly-OCMe₃ in CH₂Cl₂ using DCC, (2) deprotection with 4N HCl/dioxane, (3) coupling with BOC-His(Tos)-OH as above, and final deprotection with HF/anisole. I topical compns. are given.

MSTR 1



G1 = 17

HN—G2
17

G2 = 55

C(O)G13
55

G4 = CN

G13 = carbon chain (opt. substd. by 1 or more G4)

Patent location: disclosure

L15 ANSWER 99 OF 103 MARPAT COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 119:226439 MARPAT

TITLE: Preparation of glycopeptide derivatives with cell adhesion activity

INVENTOR(S): Mori, Hideto; Komazawa, Hiroyuki; Ogasa, Atsushi; Saiki, Ikuo; Azuma, Ichiro

PATENT ASSIGNEE(S): Fuji Photo Film Co Ltd, Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 12 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

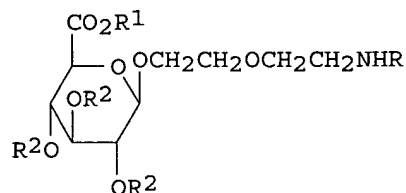
LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 05163300	A2	19930629	JP 1991-333543	19911217
PRIORITY APPLN. INFO.:			JP 1991-333543	19911217

GI

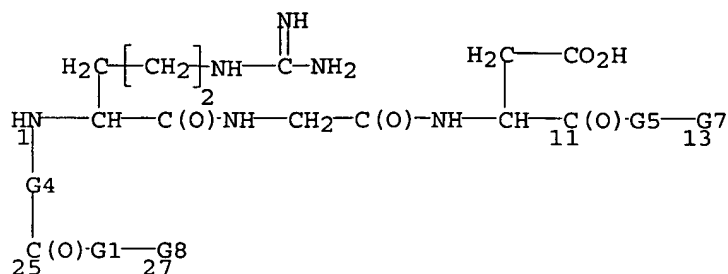


I

AB Q-W-CO-[X]-Arg-Gly-Asp-[Y]-R [W = C1-15 linear or substituted alkylene or arylene optionally interrupted with O, NH, S, ester, amide, or urethane, or urea bond; X = absent, Gly; Y = absent, Ser, Thr, Asp, Val, Ser-Pro; R = OH, NR1R2 (wherein R1, R2 = H, C1-6 alkyl or R1R2 forms a ring); Q = acidic sugar residue bonded to W, preferably uronic acid or uronic acid-containing oligosaccharide, excluding sialic acid residue], which have more potent cell adhesion activity than simple core sequence fragments of fibronectin, show very little toxicity, and are useful as cancer metastasis inhibitors, are prepared Thus, glycosidation of

ZNHCH₂CH₂OCH₂CH₂OH (Z = PhCH₂O₂C) by Me (2,3,4,-tri-O-acetyl- α -D-glucopyranosyl bromide)-uronate in the presence of Ag₂CO₃, iodine, and Drierite in CHCl₃ and hydrogenolysis of the resulting glycoside (I; R = CO₂CH₂Ph; R₁ = Me, R₂ = Ac) over 10% Pd-C in MeOH gave I (R = H, R₁ = Me, R₂ = Ac). Acylation of the latter with succinic anhydride in the presence of Et₃N in CH₂Cl₂ and peptide coupling of the resulting amide I (R = COCH₂CH₂CO₂H, R₁ = Me, R₂ = Ac) with H-Arg(Z)₂-Gly-Asp(OBzl)-Ser(Bzl)-OBzl (Bzl = CH₂Ph) (preparation given) followed by deprotection steps gave I (R = COCH₂CH₂CO-Arg-Gly-Asp-Ser-OH, R₁ = R₂ = H). A total of 8 I were prepared and in vivo inhibited the metastasis of B16-BL6 melanoma cells to lungs in mice.

MSTR 1



G1 = alkylene <containing 1-15 C>
(opt. substd. by 1 or more G2)

G2 = CN

G4 = bond

G5 = bond

Derivative:

or pharmaceutically acceptable salts

Patent location:

claim 1

L15 ANSWER 100 OF 103 MARPAT COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 119:158363 MARPAT

TITLE: Enzymatic processes for resolution of enantiomeric mixtures of compounds useful as intermediates in the preparation of taxanes

INVENTOR(S): Patel, Ramesh N.; Szarka, Laszlo J.; Partyka, Richard A.

PATENT ASSIGNEE(S): E. R. Squibb and Sons, Inc., USA

SOURCE: Eur. Pat. Appl., 32 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

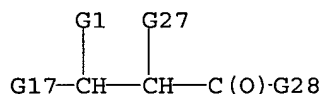
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 552041	A2	19930721	EP 1993-300241	19930115
EP 552041	A3	19941005		
EP 552041	B1	20000830		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
CA 2087359	AA	19930716	CA 1993-2087359	19930115
EP 1001036	A2	20000517	EP 1999-124119	19930115

EP 1001036	A3	20000802		
EP 1001036	B1	20041020		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE				
AT 195973	E	20000915	AT 1993-300241	19930115
ES 2149800	T3	20001116	ES 1993-300241	19930115
PT 552041	T	20001229	PT 1993-300241	19930115
AT 280240	E	20041115	AT 1999-124119	19930115
PT 1001036	T	20050131	PT 1999-124119	19930115
ES 2230790	T3	20050501	ES 1999-124119	19930115
JP 05308996	A2	19931122	JP 1993-5734	19930118
JP 3184350	B2	20010709		
US 5567614	A	19961022	US 1994-247789	19940523
US 5811292	A	19980922	US 1996-691058	19960801
HK 1027130	A1	20050225	HK 2000-106189	20000928
GR 3034942	T3	20010228	GR 2000-402521	20001130

PRIORITY APPLN. INFO.:

US 1992-822015	19920115
EP 1993-300241	19930115
US 1994-247789	19940523

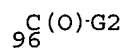
AB Enzymic resolution of enantiomeric mixts. of substituted β -lactams useful as intermediates in the preparation of taxanes, e.g., the antitumor taxol, is described. Stereoselective hydrolysis of (+)-cis-acetoxy-4-phenyl-2-azetidinone with lipase PS-30 from *Pseudomonas* was demonstrated.

MSTR 3B

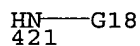
G2 = alkenyl (opt. substd. by 1 or more G3)

G3 = CN

G18 = 96



G27 = 421



Patent location:

claim 7

Note:

substitution is restricted

L15 ANSWER 101 OF 103 MARPAT COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 119:117838 MARPAT

TITLE: Preparation of terminally modified tri-, tetra-, and pentapeptide anaphylatoxin receptor ligands

INVENTOR(S): Luly, Jay R.; Kawai, Megumi; Wiedman, Paul E.

PATENT ASSIGNEE(S): Abbott Laboratories, USA

SOURCE: PCT Int. Appl., 136 pp.

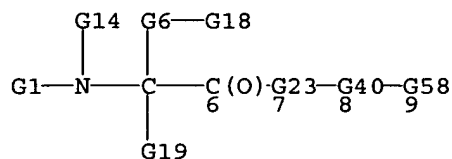
CODEN: PIXXD2

DOCUMENT TYPE:

Patent

LANGUAGE:

English



G1 = 3

$\text{C}(\text{O})\text{-G26}$
3

G5 = CN

G12 = alkenylene (opt. substd. by G5)

G26 = 77

G12-G4
77

Patent location:

claim 15

Note:

substitution is restricted

L15 ANSWER 102 OF 103 MARPAT COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 119:28013 MARPAT

TITLE: 2-hydroxymethylpyridines, the corresponding pyridine-N-oxides and derivatives thereof, process for their preparation and their use

INVENTOR(S): Weidmann, Klaus; Bickel, Martin; Kessler, Kurt; Scharbert, Bernd

PATENT ASSIGNEE(S): Hoechst A.-G., Germany

SOURCE: Eur. Pat. Appl., 48 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 533130	A1	19930324	EP 1992-115831	19920916
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
CA 2078590	AA	19930320	CA 1992-2078590	19920918
NO 9203638	A	19930322	NO 1992-3638	19920918
AU 9224567	A1	19930325	AU 1992-24567	19920918
ZA 9207158	A	19930428	ZA 1992-7158	19920918
JP 05213883	A2	19930824	JP 1992-297613	19920918
PRIORITY APPLN. INFO.:			DE 1991-4131219	19910919
			DE 1991-4136346	19911105

OTHER SOURCE(S): CASREACT 119:28013

AB A process for the preparation of pyridine derivs. of formula I, e.g., I [R1, R2, R4 = H, R3 = C(O)NHCH2CH2CH2OMe, X = CH2OH] comprises reaction of hydroxymethylpyridine derivative with alkoxyamine. Thus, reaction of methyl 2-hydroxymethylpyridine-4-carboxylate with 3-methoxypropylamine gave I [R1, R2, R4 = H, R3 = C(O)NHCH2CH2CH2OMe, X = CH2OH]. The pharmaceutical application of these compds. are as fibrosuppressive agents and agents

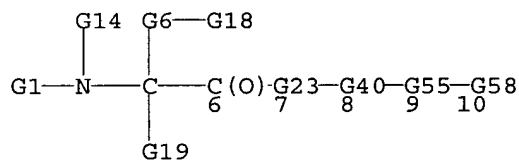
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9221361	A1	19921210	WO 1992-US4331	19920522
W: CA, JP				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LU, MC, NL, SE				
US 5190922	A	19930302	US 1991-710209	19910604
PRIORITY APPLN. INFO.:			US 1991-710209	19910604

AB Oligopeptides A-B-D-E-G-J-L [A = (un)modified, (un)protected, or desamino acid residue; B, D, E, G, J = independently (un)modified amino acid residue, or B-D, D-E, E-G, G-J = (un)modified dipeptide isostere; L = CN, OH], analogs thereof, and pharmaceutically acceptable salts and compns. thereof, were prepared as ligands for the anaphylatoxin C5a receptor and are useful in the treatment of inflammatory disease states. Thus, (S)-PhCH₂CO-L-Lys-L-Pro-D-Cha-L-Cha-D-Arg-OH (I; Cha = 3-cyclohexylalanine) was prepared by solid-phase methods using N α -tert-butoxycarbonyl (Boc) protection on a Merrifield resin. I showed K_i = 0.014 μ M in an in vitro anaphylatoxin C5a receptor binding assay.

MSTR 1A



G1 = 3

C(O)-G26
3

G5 = CN

G12 = alkenylene (opt. substd. by G5)

G26 = 77

G12-G4
77

Patent location:

claim 15

Note:

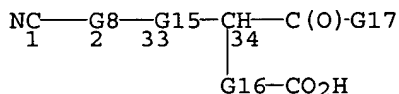
substitution is restricted

MSTR 1B

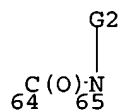
SOURCE: PCT Int. Appl., 79 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 4
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9217196	A1	19921015	WO 1992-US2637	19920330
W: AT, AU, BB, BG, BR, CA, CH, CS, DE, DK, ES, FI, GB, HU, JP, KP, KR, LK, LU, MG, MN, MW, NL, NO, PL, RO, RU, SD, SE, US				
RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK, ES, FR, GA, GB, GN, GR, IT, LU, MC, ML, MR, NL, SE, SN, TD, TG				
CA 2107088	AA	19920929	CA 1992-2107088	19920330
AU 9220143	A1	19921102	AU 1992-20143	19920330
AU 673497	B2	19961114		
EP 577775	A1	19940112	EP 1992-912095	19920330
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
JP 06506699	T2	19940728	JP 1992-511653	19920330
PRIORITY APPLN. INFO.:			US 1991-677006	19910328
			WO 1992-US2637	19920330

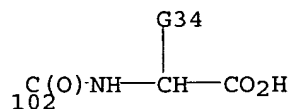
AB Title compds. (>150 compds.) were prepared Thus, polymer-bound Fmoc-Val-OH (Fmoc = 9-fluorenylmethoxycarbonyl) was treated with Fmoc-Asp(CMe₃)-OH and Fmoc-Arg[SO₂C₆H(OMe)Me₃-4,2,3,6]-OH followed by deprotection to give H-Arg-Asp-Val-OH (I). At 100μM I gave 49% inhibition of fibrinogen-mediated blood platelet aggregation.

MSTR 1D

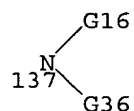
G8 = alkenylene <1 double bond>
 (opt. substd. by 1 or more G9)
 G15 = 64-2 65-34



Derivative: or pharmaceutically acceptable salts
 Patent location: claim 1
 Note: substitution is restricted

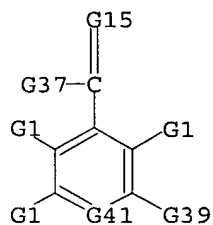


G37 = 137

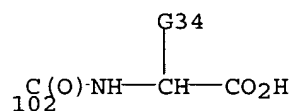


Patent location: claim 8

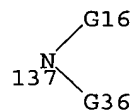
MSTR 4B



G16 = carbon chain <containing 1-12 C,
0 or more double bonds, 0 or more triple bonds>
(opt. substd. by 1 or more G17)
G17 = CN / 102



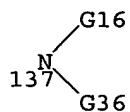
G37 = 137



Patent location: claim 8

L15 ANSWER 103 OF 103 MARPAT COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 118:255350 MARPAT
 TITLE: antithrombic peptides and pseudopeptides
 INVENTOR(S): Klein, Scott I.; Molino, Bruce F.; Czekaj, Mark;
 Gardner, Charles; Becker, Michael R.; Dener, Jeffrey
 M.; Pelletier, Jeffrey C.
 PATENT ASSIGNEE(S): Rhone-Poulenc Rorer International (Holdings) Inc., USA

G37 = 137

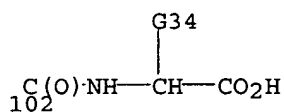


Derivative: or derivatives and physiologically effective salts
 Patent location: claim 1

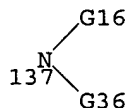
MSTR 3

G37-H

G16 = carbon chain <containing 1-12 C,
 0 or more double bonds, 0 or more triple bonds>
 (opt. substd. by 1 or more G17)
 G17 = CN / 102

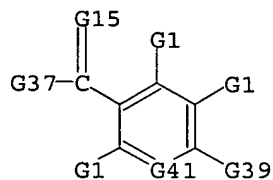


G37 = 137



Patent location: claim 7

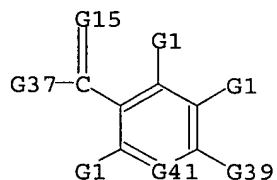
MSTR 4A



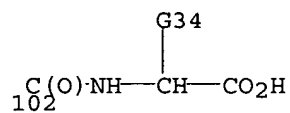
G16 = carbon chain <containing 1-12 C,
 0 or more double bonds, 0 or more triple bonds>
 (opt. substd. by 1 or more G17)
 G17 = CN / 102

effecting collagen metabolism

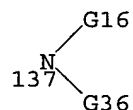
MSTR 1A



G16 = carbon chain <containing 1-12 C,
0 or more double bonds, 0 or more triple bonds>
(opt. substd. by 1 or more G17)
G17 = CN / 102

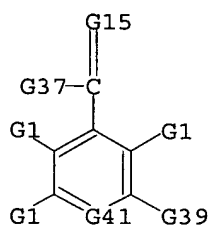


G37 = 137



Derivative: or derivatives and physiologically effective salts
Patent location: claim 1

MSTR 1B



G16 = carbon chain <containing 1-12 C,
0 or more double bonds, 0 or more triple bonds>
(opt. substd. by 1 or more G17)
G17 = CN / 102

